

FEB 28 2018

Mr. Ted Ahrens
140 Lafayette
St. Louis, Missouri 63104

RE: Vapor Intrusion

Dear Mr. Ahrens:

Please find enclosed two reports that contain sampling results for buildings on your property. The sampling reports were prepared by Environmental Operations, Inc. The Vapor Intrusion – Sub-slab Sampling Report provides the results of soil gas samples collected from underneath the floors of two buildings on your property. The Vapor Intrusion Work Plan Implementation Report provides indoor air sampling results for an office building on your property where high levels of trichloroethene and tetrachloroethene in sub-slab soil gas were observed.

I have also enclosed a copy of a letter recently mailed to EOI that requires changes to the Vapor Intrusion Work Plan Implementation Report and additional work relevant to one of the aforementioned buildings on your property. In summary, the high level of trichloroethene in sub-slab soil gas has the potential to migrate into the indoor air of the office building at concentrations that could pose an unacceptable health threat to occupants. Therefore, the U.S. Environmental Protection Agency Region 7 recommends that either a vapor intrusion mitigation system be installed or continued indoor air monitoring be performed until soil gas contaminant concentrations underneath the building floor have decreased to levels that no longer pose a potential, health threat. Additional EPA guidance on vapor intrusion can be found in the EPA's Office of Solid Waste and Emergency Response Publication 9200.2-154 titled, "OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air."

Thank you for your continued cooperation in this matter, and please don't hesitate to contact me at (913) 551-7755 or by email at morrison.bruce@epa.gov if you have any questions.

Sincerely,

Bruce A. Morrison
Project Manager
RCRA Corrective Action and Permits Section
Waste Remediation and Permitting Branch
Air and Waste Management Division

Enclosures

cc: Larry Rosen, EOI (w/o enclosures)

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CONCURRENCES		
SYMBOL	WRAP	RCAP SC
NAME	Morrison	Roberts
INITIALS/DATE	<i>BM 2-27-18</i>	<i>BR 2-27-18</i>

RCRA 2/28/2018



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